

RECEIVED

JUL 31 2003

TECH CENTER 1600/2900

## SEQUENCE LISTING

<110> Liu, et al.  
Liu, Qingyun  
McDonald, Terrence P.  
Wang, Ruiping

<120> G PROTEIN-COUPLED RECEPTOR RESEMBLING  
THE THROMBIN RECEPTOR

<130> 20330P

<140> 09/806,087

<141> 2001-07-02

<150> PCT/US99/22634

<151> 1999-09-29

<150> 60/102,958

<151> 1998-10-02

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1192

<212> DNA

<213> Homo Sapiens

<400> 1

```

ccccgggcgag gaccctccca ggatgcaggt cccgaacagc accggccccgg acaacgcgac 60
gctgcagatg ctgcggaacc cggcgatcgc ggtggccctg cccgtggtgt actcgctggt 120
ggcggcgggtc agcatcccg gcaacctctt ctctctgtgg gtgctgtgcc ggcgcagggg 180
gccagatcc cgtcggtca tctcatgat caacctgagc gtcacggacc tgatgctggc 240
cagcgtgttg cctttccaaa tctactacca ttgcaaccgc caccactggg tattcggggt 300
gctgctttgc aacgtggtga ccgtggcctt ttacgcaaac atgtattcca gcatcctcac 360
catgacctgt atcagcgtgg agcgttctt gggggtcctg taccgctca gctccaagcg 420
ctggcgccgc cgtcggtacg cggtgccgc gtgtgcaggg acctggctgc tgctcctgac 480
cgccctgtcc ccgctggcgc gcaccgatct caccctaccg gtgcacgccc tgggcatcat 540
cacctgcttc gacgtcctca agtggacgat gctccccagc gtggccatgt gggccgtgtt 600
cctcttcacc atcttcaccc tgetgttct catccgttc gtgatcaccg tggcttgta 660
cacggccacc atcctcaagc tgttgccac ggaggaggcg cacggccggg agcagcggag 720
gcgcgcgggt ggctggccg cggtggtctt gctggccttt gtcacctgt tcgcccccaa 780
caacttcgtg ctccctggcg acatcgtgag ccgcctgttc tacggcaaga gctactacca 840
cgtgtacaag ctcacgctgt gtctcagctg cctcaacaac tgtctggacc cgtttgttta 900
ttactttgcg tcccgggaat tccagctgc cctgcgggaa tatttgggt gccgcgggt 960
gccagagac accctggaca cgcgcgcga gagcctcttc tccgccagga ccacgtccgt 1020
gcgctccgag gccggtgcgc accctgaagg gatggaggga gccaccaggc ccggcctcca 1080
gaggcaggag agtgtgttct gagtcccggg ggcgagctt ggagagccgg gggcgagct 1140
tggagatcca ggggcgcag gagaggccac ggtgccagag gttcaggag aa 1192

```

<210> 2

<211> 359

<212> PRT

<213> Homo Sapiens

<400> 2

```

Met Gln Val Pro Asn Ser Thr Gly Pro Asp Asn Ala Thr Leu Gln Met
1           5           10           15
Leu Arg Asn Pro Ala Ile Ala Val Ala Leu Pro Val Val Tyr Ser Leu

```

20 25 30  
 Val Ala Ala Val Ser Ile Pro Gly Asn Leu Phe Ser Leu Trp Val Leu  
 35 40 45  
 Cys Arg Arg Met Gly Pro Arg Ser Pro Ser Val Ile Phe Met Ile Asn  
 50 55 60  
 Leu Ser Val Thr Asp Leu Met Leu Ala Ser Val Leu Pro Phe Gln Ile  
 65 70 75 80  
 Tyr Tyr His Cys Asn Arg His His Trp Val Phe Gly Val Leu Leu Cys  
 85 90 95  
 Asn Val Val Thr Val Ala Phe Tyr Ala Asn Met Tyr Ser Ser Ile Leu  
 100 105 110  
 Thr Met Thr Cys Ile Ser Val Glu Arg Phe Leu Gly Val Leu Tyr Pro  
 115 120 125  
 Leu Ser Ser Lys Arg Trp Arg Arg Arg Tyr Ala Val Ala Ala Cys  
 130 135 140  
 Ala Gly Thr Trp Leu Leu Leu Leu Thr Ala Leu Ser Pro Leu Ala Arg  
 145 150 155 160  
 Thr Asp Leu Thr Tyr Pro Val His Ala Leu Gly Ile Ile Thr Cys Phe  
 165 170 175  
 Asp Val Leu Lys Trp Thr Met Leu Pro Ser Val Ala Met Trp Ala Val  
 180 185 190  
 Phe Leu Phe Thr Ile Phe Ile Leu Leu Phe Leu Ile Pro Phe Val Ile  
 195 200 205  
 Thr Val Ala Cys Tyr Thr Ala Thr Ile Leu Lys Leu Leu Arg Thr Glu  
 210 215 220  
 Glu Ala His Gly Arg Glu Gln Arg Arg Arg Ala Val Gly Leu Ala Ala  
 225 230 235 240  
 Val Val Leu Leu Ala Phe Val Thr Cys Phe Ala Pro Asn Asn Phe Val  
 245 250 255  
 Leu Leu Ala His Ile Val Ser Arg Leu Phe Tyr Gly Lys Ser Tyr Tyr  
 260 265 270  
 His Val Tyr Lys Leu Thr Leu Cys Leu Ser Cys Leu Asn Asn Cys Leu  
 275 280 285  
 Asp Pro Phe Val Tyr Tyr Phe Ala Ser Arg Glu Phe Gln Leu Arg Leu  
 290 295 300  
 Arg Glu Tyr Leu Gly Cys Arg Arg Val Pro Arg Asp Thr Leu Asp Thr  
 305 310 315 320  
 Arg Arg Glu Ser Leu Phe Ser Ala Arg Thr Thr Ser Val Arg Ser Glu  
 325 330 335  
 Ala Gly Ala His Pro Glu Gly Met Glu Gly Ala Thr Arg Pro Gly Leu  
 340 345 350  
 Gln Arg Gln Glu Ser Val Phe  
 355

<210> 3  
 <211> 373  
 <212> PRT  
 <213> Homo Sapiens

<400> 3  
 Glu Pro Phe Trp Glu Asp Glu Glu Lys Asn Glu Ser Gly Leu Thr Glu  
 1 5 10 15  
 Tyr Arg Leu Val Ser Ile Asn Lys Ser Ser Pro Leu Gln Lys Gln Leu  
 20 25 30  
 Pro Ala Phe Ile Ser Glu Asp Ala Ser Gly Tyr Leu Thr Ser Ser Trp  
 35 40 45  
 Leu Thr Leu Phe Val Pro Ser Val Tyr Thr Gly Val Phe Val Val Ser  
 50 55 60  
 Leu Pro Leu Asn Ile Met Ala Ile Val Val Phe Ile Leu Lys Met Lys  
 65 70 75 80  
 Val Lys Lys Pro Ala Val Val Tyr Met Leu His Leu Ala Thr Ala Asp

Val Leu Phe Val Ser Val Leu Pro Phe Lys Ile Ser Tyr Tyr Phe Ser  
 Gly Ser Asp Trp Gln Phe Gly Ser Glu Leu Cys Arg Phe Val Thr Ala  
 Ala Phe Tyr Cys Asn Met Tyr Ala Ser Ile Leu Leu Met Thr Val Ile  
 Ser Ile Asp Arg Phe Leu Ala Val Val Tyr Pro Met Gln Ser Leu Ser  
 Trp Arg Thr Leu Gly Arg Ala Ser Phe Thr Cys Leu Ala Ile Trp Ala  
 Leu Ala Ile Ala Gly Val Val Pro Leu Val Leu Lys Glu Gln Thr Ile  
 Gln Val Pro Gly Leu Asn Ile Thr Thr Cys His Asp Val Leu Asn Glu  
 Thr Leu Leu Glu Gly Tyr Tyr Ala Tyr Tyr Phe Ser Ala Phe Ser Ala  
 Val Phe Phe Phe Val Pro Leu Ile Ile Ser Thr Val Cys Tyr Val Ser  
 Ile Ile Arg Cys Leu Ser Ser Ser Ala Val Ala Asn Arg Ser Lys Lys  
 Ser Arg Ala Leu Phe Leu Ser Ala Ala Val Phe Cys Ile Phe Ile Ile  
 Cys Phe Gly Pro Thr Asn Val Leu Leu Ile Ala His Tyr Ser Phe Leu  
 Ser His Thr Ser Thr Thr Glu Ala Ala Tyr Phe Ala Tyr Leu Leu Cys  
 Val Cys Val Ser Ser Ile Ser Ser Cys Ile Asp Pro Leu Ile Tyr Tyr  
 Tyr Ala Ser Ser Glu Cys Gln Arg Tyr Val Tyr Ser Ile Leu Cys Cys  
 Lys Glu Ser Ser Asp Pro Ser Ser Tyr Asn Ser Ser Gly Gln Leu Met  
 Ala Ser Lys Met Asp Thr Cys Ser Ser Asn Leu Asn Asn Ser Ile Tyr  
 Lys Lys Leu Leu Thr  
 370

<210> 4  
 <211> 18  
 <212> DNA  
 <213> Homo Sapiens

<400> 4  
 acccctccag gatgcagg

18

<210> 5  
 <211> 18  
 <212> DNA  
 <213> Homo Sapiens

<400> 5  
 actcagaaca cactctcc

18

<210> 6  
 <211> 27  
 <212> DNA  
 <213> Homo Sapiens

<400> 6  
 gcggcgcctc cctgaacctc tggcacc

27

<210> 7  
 <211> 23  
 <212> DNA  
 <213> Homo Sapiens

<400> 7  
 gcggtaccat gcaggtcccg aac

23

<210> 8  
 <211> 20  
 <212> DNA  
 <213> Homo Sapiens

<400> 8  
 gctacttctg ccgctgcttc

20

<210> 9  
 <211> 18  
 <212> DNA  
 <213> Homo Sapiens

<400> 9  
 tgctgaccgc ccccacca

18

<210> 10  
 <211> 19  
 <212> DNA  
 <213> Homo Sapiens

<400> 10  
 accattgcaa ccgccacca

19

<210> 11  
 <211> 21  
 <212> DNA  
 <213> Homo Sapiens

<400> 11  
 ggtacaggac ccccaggaag c

21

<210> 12  
 <211> 18  
 <212> DNA  
 <213> Homo Sapiens

<400> 12  
 ggtggcggcg gtcagcat

18

<210> 13  
 <211> 21  
 <212> DNA  
 <213> Homo Sapiens

<400> 13  
 aagcagcacc ccgaataccc a

21

<210> 14  
 <211> 18  
 <212> DNA  
 <213> Homo Sapiens

<400> 14  
tcccgggctc tgaggcac 18

<210> 15  
<211> 18  
<212> DNA  
<213> Homo Sapiens

<400> 15  
tgcagcgtcg cgttgtcc 18

<210> 16  
<211> 20  
<212> DNA  
<213> Homo Sapiens

<400> 16  
ggggatgtgc tgcaaggcga 20

<210> 17  
<211> 22  
<212> DNA  
<213> Homo Sapiens

a! <400> 17  
ccagggtttt cccagtcacg ac 22

<210> 18  
<211> 25  
<212> DNA  
<213> Homo Sapiens

<400> 18  
cccaggcttt acactttatg cttcc 25

<210> 19  
<211> 25  
<212> DNA  
<213> Homo Sapiens

<400> 19  
ttgtgtggaa ttgtgagcgg ataac 25

---